

METHOD OF OPERATING A HYBRID POWER SYSTEM
WITHIN A STATE OF CHARGE WINDOW

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ABSTRACT OF THE DISCLOSURE

A method of operating a hybrid fuel cell system within a state of charge window of a charge carrier such as a battery pack, improves system efficiency by reducing use of the fuel cell to charge 10 the battery pack. Power is drawn in relative amounts from the fuel cell and the charge carrier based on a control strategy that considers the charge carrier's state of charge, overall load power requirements and the maximum power output capacity of the fuel cell.